

**393830119412103 Local number 085 N21 E20 36CAAC3 LYSIMETER 2 DEEP**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'30.4", long 119°41'20.5" referenced to North American Datum of 1983, in NE ¼ NE ¼ SW ¼ sec.36, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 7 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
<b>05...</b>	1105	Interstitial water	612	44.4	20.0	1.09	1.18	23.5
<b>Nov</b>								
<b>02...</b>	1436	Interstitial water	659	31.6	19.4	1.42	1.43	22.9
<b>Dec</b>								
<b>07...</b>	1155	Interstitial water	647	31.6	22.8	.68	.610	24.8
<b>07...</b>	1158	<i>Replicate</i>	644	31.6	22.5	.70	.612	23.6
<b>Mar</b>								
<b>01...</b>	1002	Interstitial water	915	113	23.2	3.69	1.25	28.7
<b>Apr</b>								
<b>05...</b>	1057	Interstitial water	741	58.8	26.3	1.59	.150	30.1
<b>May</b>								
<b>04...</b>	1050	Interstitial water	610	45.8	29.9	1.33	.433	34.3
<b>Jun</b>								
<b>01...</b>	1111	Interstitial water	730	35.4	35.2	1.24	.769	39.8
<b>Jul</b>								
<b>06...</b>	1032	Interstitial water	655	26.5	35.1	1.13	.490	39.5
<b>Aug</b>								
<b>02...</b>	1035	Interstitial water	1,460	312	62.0	1.30	.106	66.6
<b>02...</b>	1036	<i>Replicate</i>	1,520	310	61.0	1.30	.106	71.6
<b>Sep</b>								
<b>07...</b>	1017	Interstitial water	1,600	435	54.1	3.42	.149	56.4

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
<b>04...</b>	1050	Interstitial water	1,480	217	39.3	1.38	.051	40.7
<b>Nov</b>								
<b>01...</b>	1120	Interstitial water	945	95.3	32.4	1.12	.059	33.5
<b>29...</b>	1113	Interstitial water	996	70.0	30.5	1.41	.076	30.6
<b>Dec</b>								
<b>21...</b>	1100	Interstitial water	892	54.8	27.5	1.31	.057	31.3